

PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/700,148

DATE: 06/18/2001
TIME: 16:24:49

PK
ENTERED

Input Set : A:\ES.txt
Output Set: N:\CRF3\06182001\I700148.raw

```

3 <110> APPLICANT: BioInside GmbH
5 <120> TITLE OF INVENTION: A method of detecting microorganisms in products
7 <130> FILE REFERENCE: PCT/DE99/01471
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/700,148
C--> 10 <141> CURRENT FILING DATE: 2001-05-15
12 <150> PRIOR APPLICATION NUMBER: DE 198 22 108.8
13 <151> PRIOR FILING DATE: 1998-05-12
15 <160> NUMBER OF SEQ ID NOS: 55
17 <170> SOFTWARE: PatentIn Ver. 2.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 214
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Description of Artificial Sequence:
26     primer-sonde-primer
28 <400> SEQUENCE: 1
29 agatgcacgt actgctgaaa ttagtaagct aatggaaaaac acatatacgag acgtgaatat 60
30 tgcttttagct aatgaattaa caaaaatttg caataactta aatattaatg tatttagttgt 120
31 gattgaaatg gcaaacaac atccgcgtgt taatatccat caacctggc caggagttagg 180
32 cggtcattgt tttagctgttgc atccgtactt tatt 214
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 310
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence:
42     primer-sonde-primer
44 <400> SEQUENCE: 2
45 caggccttcg atgcccttag cggttattcag gcaccggcgc ccaacgcca agaactccag 60
46 catttctgcc aatttgtgtt ggactatgtt tctgcggac acttcgaggt ctacagacaa 120
47 ctgacggcgg aaggcaaggc cttcggcgat cagcggcggcc tggagctggc caagcagatc 180
48 ttccccccggc tggaaaggcat caccgaatcc ggcgttactt tcaacgacccg ctgcgacaac 240
49 gggcattgtcc gtgaaggagc ctgcctcattc gcccggacttga aggtcctgcg gcaacagttg 300
50 caccaacgcct 310
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 222
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence:
60     primer-sonde-primer
62 <400> SEQUENCE: 3
63 aaagttagaac gtaatggttc tttgtcatatt gatgccgcg acgttaatgt attctgcgca 60
64 ctttacgttc tggtaaaac catgcgtgt tctatctggg cgctggggcc gctggtagcg 120
65 cgctttggtc agggggcaagt ttcaactaccc ggcgggttgcgatcggtgc gcgtccgggtt 180
66 gatctacaca tttctggcct cgaacaattt ggcgcgacca tc 222

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/700,148

DATE: 06/18/2001

TIME: 16:24:39

Input Set : A:\ES.txt

Output Set: N:\CRF3\06182001\I700148.raw

69 <210> SEQ ID NO: 4
70 <211> LENGTH: 310
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence:
76 primer-sonde-primer
78 <400> SEQUENCE: 4
79 tgattgaagc cgatggcggt gaaattatcg ccacgttcgg gcaattcggtt attggcgata 60
80 gcctggcggt gggttttgtt gtcttctcta ttgtcaccgt ggtccagttt atcgttatta 120
81 ccaaagggttc agaacgtgtc gcggaagtgc cgccccgatt ttctctggat ggtatgccc 180
82 gtaaacagat gagtattgtat gccgatttga aggcccgat tattgtatgcg gatgccgcgc 240
83 gcgaacggcg aagcgtactg gaaaggaaa gccagctta cggttcctt gacggtgcga 300
84 tgaagtttat 310
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 356
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence:
94 primer-sonde-primer
96 <400> SEQUENCE: 5
97 gcatggctgt cgtcagctcg ttttgtaaaa ttgtgggtta agtcccgc aa cgagcgcaac 60
98 ctttacccctt ttgtggccagc ggtccggccg ggaactcaaa ggagactgcc agtataaac 120
99 tggaggaagg tggggatgac gtcaagtcat catggccctt acgaccagg ctacacacgt 180
100 gctacaatgg cgcatacaaa gagaagcgac ctcgcgagag caagcggacc tcataaagt 240
101 cgtcgtagtc cggattggag tctgcaactc gactccatga agtcggaatc gctagtaatc 300
102 gtggatcaga atgccacggt gaatacgttc ccggccctt tacacaccgc ccgtca 356
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 24
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: primer cap-8
112 forward #15297*
114 <400> SEQUENCE: 6
115 agatgcacgt actgctgaaa ttag 24
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 20
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence: sonde
125 cap-8#15460*
127 <400> SEQUENCE: 7
128 cctggtccag gagtaggcgg 20
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 26
133 <212> TYPE: DNA

RAW SEQUENCE LISTING . DATE: 06/18/2001
PATENT APPLICATION: US/09/700,148 TIME: 16:24:39

Input Set : A:\ES.txt
Output Set: N:\CRF3\06182001\I700148.raw

134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: primer cap-8
138 reverse#15485
140 <400> SEQUENCE: 8
141 gtttagctgt tgatccgtac tttatt 26
144 <210> SEQ ID NO: 9
145 <211> LENGTH: 23
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence: primer algQ
151 forward#876*
153 <400> SEQUENCE: 9
154 cttcgatgcc ctgagcggta ttc 23
157 <210> SEQ ID NO: 10
158 <211> LENGTH: 26
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence: sonde algQ#911
165 <400> SEQUENCE: 10
166 ccaacgcca agaactccag catttc 26
169 <210> SEQ ID NO: 11
170 <211> LENGTH: 23
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: reverse primer
176 sequence (#1147)
178 <400> SEQUENCE: 11
179 ctgaagggtcc tgcggcaaca gtt 23
182 <210> SEQ ID NO: 12
183 <211> LENGTH: 24
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: forward primer
189 sequence (#767*)
191 <400> SEQUENCE: 12
192 gttctgtgca tattgtatgcc cgcg 24
195 <210> SEQ ID NO: 13
196 <211> LENGTH: 23
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: sonde (#802)
203 <400> SEQUENCE: 13
204 tctgcgcacc ttacgatctg gtt 23

RAW SEQUENCE LISTING DATE: 06/18/2001
PATENT APPLICATION: US/09/700,148 TIME: 16:24:39

Input Set : A:\ES.txt
Output Set: N:\CRF3\06182001\I700148.raw

207 <210> SEQ ID NO: 14
208 <211> LENGTH: 24
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: reverse primer
214 sequence (#884)
216 <400> SEQUENCE: 14
217 gcaagtttca ctacctggcg gttg 24
220 <210> SEQ ID NO: 15
221 <211> LENGTH: 24
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: forward primer
227 sequence (#269*)
229 <400> SEQUENCE: 15
230 gtgaaattat cgccacgttc gggc 24
233 <210> SEQ ID NO: 16
234 <211> LENGTH: 24
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: sonde (#333)
241 <400> SEQUENCE: 16
242 cttctctatt gtcaccgtgg tcca 24
245 <210> SEQ ID NO: 17
246 <211> LENGTH: 24
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: reverse primer
252 sequence (#542)
254 <400> SEQUENCE: 17
255 gtttccttg acgggtgcgt gaag 24
258 <210> SEQ ID NO: 18
259 <211> LENGTH: 19
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 16SrRNA
265 forward #1053*
267 <400> SEQUENCE: 18
268 gcatggctgt cgtcagctc 19
271 <210> SEQ ID NO: 19
272 <211> LENGTH: 23
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/700,148

DATE: 06/18/2001

TIME: 16:24:39

Input Set : A:\ES.txt

Output Set: N:\CRF3\06182001\I700148.raw

277 <223> OTHER INFORMATION: Description of Artificial Sequence: sonde 16SrRNA
278 #1090
280 <400> SEQUENCE: 19
281 tttaagtcccg caacgagcgc aac 23
284 <210> SEQ ID NO: 20
285 <211> LENGTH: 20
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 16SrRNA
291 reverse #1386*
293 <400> SEQUENCE: 20
294 tgacgggcgg tgtgtacaag 20
297 <210> SEQ ID NO: 21
298 <211> LENGTH: 23
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: sonde
305 <400> SEQUENCE: 21
306 ttttgttattt gcgataggcct ggc 23
309 <210> SEQ ID NO: 22
310 <211> LENGTH: 23
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: sonde
317 <400> SEQUENCE: 22
318 ttctctggat ggtatccccg gta 23
321 <210> SEQ ID NO: 23
322 <211> LENGTH: 25
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: reverse primer
329 <400> SEQUENCE: 23
330 cattgttttag ctgttgatcc gtact 25
333 <210> SEQ ID NO: 24
334 <211> LENGTH: 24
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
341 <400> SEQUENCE: 24
342 gcacgtactg ctgaaatgag taag 24
345 <210> SEQ ID NO: 25
346 <211> LENGTH: 21
347 <212> TYPE: DNA
348 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/700,148

DATE: 06/18/2001
TIME: 16:24:40

Input Set : A:\ES.txt
Output Set: N:\CRF3\06182001\I700148.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date